PROJECT NO.	PROJECT NAME	2007	2008	2009	2010	2011	TOTAL
DR0602	US 90A Ditch Improvements	65,000	1,750,000				1,815,000
	Additional Inlets along Maygrove Drive/ Covington						
DR0604	Woods (s)	70,000					70,000
DR0606	Ditch "A-22" Modifications (s)	100,000					100,000
DR0607	Ditch H Extension	3,500,000					3,500,000
DR0608	Storm Sewer Inlet/Apron Reconstruction	125,000					125,000
DR0701	Sugar Creek Drainage Improvements - Phase I	550,000					550,000
DR0702	Sugar Creek/ Market Place Phase II	150,000	1,700,000				1,850,000
DR0703	Additional Flow Monitors	125,000					125,000
DR0704	Localized Drainage Improvements	250,000					250,000
DR0705	AMIL Gates Rehabilitation	240,000					240,000
DR0706	Belknap/Brookside Area Phase III Improvements	100,000	900,000				1,000,000
DR0801	Storm Sewer Lateral Tie-in's to Eldridge Road		890,000				890,000
DR0802	Covington Woods Phase II Improvements		300,000	3,000,000			3,300,000
DR0803	Sugar Creek Drainage Improvements - Phase II		1,200,000				1,200,000
DR0901	Sugar Creek Drainage Improvements - Phase III			6,500,000			6,500,000
	TOTAL	\$5,275,000	\$6,740,000	\$9,500,000			\$21,515,000

SOURCE OF FUNDS-DRAINAGE	2007	2008	2009	2010	2011	TOTAL
General Revenue						
CO'S	4,440,000					4,440,000
Property Tax For Drainage	515,000					515,000
Future GO Bonds		6,740,000	9,500,000			16,240,000
SLDC						
SL4B						
Airport Revenues						
System Revenues						
Connection Fees						
Other Funding Sources	320,000					320,000
Unfunded						
TOTAL	\$5,275,000	\$6,740,000	\$9,500,000	•		\$21,515,000

CITY OF SUGAR LAND 2007 - 2011 CAPITAL IMPROVEMENTS PROGRAM SUMMARY BY FUNDING SOURCES - DRAINAGE

PROJECT NAME	2007	2008	2009	2010	2011	TOTAL
Ditch H Extension	3,500,000					3,500,000
Sugar Creek Drainage Improvements - Phase I	550,000					550,000
Localized Drainage Improvements	250,000					250,000
AMIL Gates Rehabilitation	140,000					140,000
TOTAL - CO'S	4,440,000					4,440,000

PROJECT NAME	2007	2008	2009	2010	2011	TOTAL
US 90A Ditch Improvements		1,750,000				1,750,000
Sugar Creek/ Market Place Phase II		1,700,000				1,700,000
Belknap/Brookside Area Phase III Improvements		900,000				900,000
Storm Sewer Lateral Tie-in's to Eldridge Road		890,000				890,000
Covington Woods Phase II Improvements		300,000	3,000,000			3,300,000
Sugar Creek Drainage Improvements - Phase II		1,200,000				1,200,000
Sugar Creek Drainage Improvements - Phase III			6,500,000			6,500,000
TOTAL - FUTURE GO BONDS		6,740,000	9,500,000			16,240,000

PROJECT NAME	2007	2008	2009	2010	2011	TOTAL
US 90A Ditch Improvements	65,000					65,000
Storm Sewer Inlet/Apron Reconstruction	125,000					125,000
Additional Flow Monitors	125,000					125,000
AMIL Gates Rehabilitation	100,000					100,000
Belknap/Brookside Area Phase III Improvements	100,000					100,000
TOTAL - PROPERTY TAX FOR DRAINAGE	\$515,000					\$515,000

PROJECT NAME	2007	2008	2009	2010	2011	TOTAL
Additional Inlets along Maygrove Drive/ Covington						
Woods (s)	70,000					70,000
Ditch "A-22" Modifications (s)	100,000					100,000
Sugar Creek/ Market Place Phase II	150,000					150,000
TOTAL - OTHER FUNDING SOURCES	\$320,000					\$320,000

PROJECT NO.	PROJECT NAME	PROJECT DESCRIPTION	JUSTIFICATION
DR0602	US 90A Ditch Improvements	Design and construction of drainage improvements in US90A Ditch Watershed. The watershed drains to the 90A Ditch located between the limits of Eldridge Rd. and Dairy Ashford. This project is to mitigate existing flooding conditions and to accommodate development of the remaining undeveloped tracts within the 90A watershed.	Recent studies performed by LAN, Inc. and Costello, Inc., indicates that the conveyance system in the watershed does not have adequate capacity to accommodate ultimate build-out within the watershed. The preliminary engineering study (PER) will identify a combination of ditch improvements and regional detention drainage projects to address the drainage issues.
DR0604	Additional Inlets along Maygrove Drive/ Covington Woods (s)	Maygrove is a cul-de-sac street in the Covington Woods subdivision that ultimately drains to the Covington Woods Ditch along the Woodchester storm sewer system. Construction of additional inlets would provide relief from concerns of flooding during smaller rain falls.	Residents have complained about flooding concerns during smaller rain events. The Covington Woods study performed by Dannenbaum Engineering Corp., also identified a number of deficiencies in the stormwater collection system.
DR0606	Ditch "A-22" Modifications (s)	A study is underway to determine recommended improvements.	Recent improvements to "A-22" by MUD 21 in the vicinity of Sugar Mill subdivision exacerbated the flooding problems in the Sugar Mill Subdivision. The City & MUD 21 authorized a study to evaluate the impacts. Based on the findings from this study, mitigation measures are being proposed.

PROJECT			
NO.	PROJECT NAME	PROJECT DESCRIPTION	JUSTIFICATION
DR0607	Ditch H Extension	Extend Ditch "H" across U.S. 90A and railroad to Oyster Creek just upstream of Dam 1. This is one of the projects identified in the 2002 Upper Oyster Creek and Ditch H Drainage Study.	This completes Phase I Improvements identified and recommended in the 2002 Oyster Creek Study. The project will divert stormwater during extreme events from Oyster Creek to Ditch "H" and lower 100-yr WSE in Oyster Creek. The City is proposing partnership with FB County and Tract 3 developer.
DR0608	Storm Sewer Inlet/Apron Reconstruction	Annual removal and replacement of failed inlet aprons, inlet hoods, and reseal inlet boxes if required. In some cases adjustments to the "I" beams that support the frame and gates may be required.	Public Works has identified many residential streets and arterial streets that have double "B" storm sewer inlets that include a block out in the concrete pavement which has settled, cracked, and is in need of repairs. Final two years of five year project.
DR0701	Sugar Creek Drainage Improvements - Phase I	The Phase 1 Improvements includes construction of lakes/detention within the River Bend Country Club (RBCC) Golf Course. This project is a precursor to other proposed improvements (Phase II and Phase III) in the Sugar Creek Watershed. This project will also mitigate runoff from development within "Triangle" area (bounded between U.S. 59, U.S. 90A & Commerce Green Blvd.).	A comprehensive study of the watershed completed in 2005 proposed a number of drainage improvement projects within the watershed. Phase 1 Improvements will include providing storage/detention to accommodate future improvements. This is necessary to reduce or eliminate downstream impacts. Partnership with RBCC will be necessary to implement these improvements.

PROJECT			
NO.	PROJECT NAME	PROJECT DESCRIPTION	JUSTIFICATION
DR0702	Sugar Creek/ Market Place Phase II	Design and construction of an additional 48" diameter reinforced concrete pipe to Jane Long Lake across U.S. Highway 59. This additional conveyance is required to accommodate development in the "Triangle Area" in conjunction with the proposed expansion of the TxDOT detention facility. This project will follow Sugar Creek Drainage Improvements - Phase I.	The existing conduit conveying flow to Jane Long Lake (across US 59) was identified to be inadequate to convey runoff from the proposed development in the "Triangle Area". The recently (August, 2005) completed Triangle Detention PER confirmed that the level of development seen in the "Triangle Area" has triggered the need to construct Phase II Improvements.
DR0703	Additional Flow Monitors	Installation of additional flow monitoring stations and appurtenant devices in the City's watersheds, and enhancements to the existing system.	These devices serve as a "flood alert system" as well as a data collection tool. The data collected is used in the evaluation/design of future drainage improvement projects in the City. The ultimate goal is to install these devices in all major drainage system.
DR0704	Localized Drainage Improvements	Project will consist of providing for preliminary design, engineering and construction of miscellaneous drainage improvements serving specific neighborhoods (i.e., overflow of Oyster Creek Dr. ditch , Main St. drainage inlets and outfall reconstruction of Cottonwood Ct. detention pond).	Project will facilitate the timely correction of localized drainage problems in neighborhood settings.

PROJECT NO.	PROJECT NAME	PROJECT DESCRIPTION	JUSTIFICATION
DR0705	AMIL Gates Rehabilitation	AMIL Gates located across Brooks Lake Diversion Channel mainly serve as flood control gates and also facilitate maintaining constant water surface elevation upstream of the gates.	The City is assuming the ownership of the gates from LID 2. As part of this transfer of ownership, the City had an assessment of the gates prepared by the vendor. Rehabilitation costs are allocated for potential maintenance/repairs.
DR0706	Belknap/Brookside Area Phase III Improvements	The Kelly Kaluza Study identified three phase of Drainage Improvements to serve the Belknap/Brookside Area. The first two phases of improvements identified in this study have been constructed. Phase III Improvements would complete implementation of all projects recommended in this study.	Residents of Belknap/Brookside have complained to City staff about flooding concerns along Dogwood St. The residents have requested City staff to implement this last phase of proposed improvements to alleviate flooding concerns.
DR0801	Storm Sewer Lateral Tie-in's to Eldridge Road	Design and construction of storm sewer laterals that divert a portion of flows from the Covington Woods Subdivision to Eldridge Road. Additional flow diversions from the following streets (Greenbrier, Linden and Rolling Mill) is being proposed. This project will follow Ditch A-22 modifications.	This is in line with the departmental plan to study and improve all of the areas prone to street flooding within the City. This is the next logical step in the continuation of an opportunistic program for drainage improvements.

PROJECT			
NO.	PROJECT NAME	PROJECT DESCRIPTION	JUSTIFICATION
DR0802	Covington Woods Phase II Improvements	Design and construction of Phase II Drainage Improvements as identified in the 2002 Covington Woods Study. This project will follow the Ditch "A-22" Improvements.	The proposed improvements to the Covington Woods channel is to alleviate flooding concerns due to the inadequate capacity of the ditch.
DR0803	Sugar Creek Drainage Improvements - Phase II	The Phase II Improvements mainly include construction/upsizing of storm sewer outfalls at many locations within the watershed. These improvements would provide outlet for trapped sheet flow accumulated during extreme events. Phase II Improvements will help minimize street ponding levels during these events.	A comprehensive study of the watershed completed in 2005 identified a number of locations where street ponding levels exceed allowable design criteria. Also, design for sheet flow was not factored in the original design, since the criteria was adopted in 1989, after majority of Sugar Creek infrastructure was built. Phase II Improvements will help remedy some of these deficiencies.
DR0901	Sugar Creek Drainage Improvements - Phase III	The Phase III Improvements include increasing the capacity of the East Sugar Creek Ditch System. Conceptual alternatives proposed include concrete lining the existing ditch, and installing a parallel box conduit system to convey additional flow to the River Bend Country Club Golf Course.	A comprehensive study of the watershed completed in 2005 identified serious capacity limitations in the East Sugar Creek Ditch. The proposed improvements will provide additional capacity to the East Sugar Creek Drainage System. This project will help minimize street flooding/ponding in drainage areas that outfall into this ditch.

CITY OF SUGAR LAND

2007 - 2011 CAPITAL IMPROVEMENT PROGRAM DRAINAGE

PROJECT NO	DD OTE OF FEET T	,			DRIII	NAGE							
PROJECT NO.	PROJECT TITLE												
DR0602	US	90A Ditch Imp	provements					II (D : CT C	LODED : TTT-	DUDGET			
DESCRIPTION						IMPACT ON OPERATING BUDGET							
Design and construction of							1	2007	2008	2009	2010	2011	
the 90A Ditch located between existing flooding conditions		0	,	1 ,	0								
the 90A watershed.	s and to accommodate	e development	or the remainin	ng undeveloped	u tracts withii	n Personnel Ser	vices						
the 50A watershed.						Operations &	Maintenance						
JUSTIFICATION						Capital							
Recent studies performed	by LAN, Inc. and Co	ostello, Inc., ir	ndicates that th	ne conveyance	system in the	e							
watershed does not have ac													
preliminary engineering st			ation of ditch	improvements	and regiona	1							
detention drainage projects	to address the drainag	ge issues.				TOTAL							
		Project		FISC	CAL YEAR PI	_				\ 114		NT.	
PROJECT COSTS		Budget	BUDGET	1130		MATED		Project	~ × ¬	1		TORT T	
1 KOJECI CO313		I	2007	2008	2009		2011	,	H W RE II		All All	RPORT	
D 1:		To Date	2007	2008	2009	2010	2011	Total	FL FJ				
Preliminary Engineering Re	port	30,000						30,000	+	1(1	
Land/Right of Way		77 000	(5 000					440.000	X	≌	\rightarrow	63	
Design/Surveying		75,000	65,000	4 550 000				140,000	XX	1 1=	=	<u></u>	
Construction				1,750,000		1	1	1,750,000	$\langle \mathcal{N} \rangle$	GILLINGHAM		₹.	
Equipment and Furniture						1	1		1278.1	5 IF	j / S	/ ST	
Contingency		#4.0 F .000	#c= 000	#4 FE0 000			+	#4 0 3 0 000	10/17	m - 3	INDUSTRIA	₹ <u>~</u>	
TOTAL COSTS		\$105,000	\$65,000	\$1,750,000				\$1,920,000	4777	5 XL	- P	DAIRY ASHFORD	
		Project		F150	CAL YEAR PI				1111	ア ノル			
SOURCE OF FUNDS		Budget	BUDGET			MATED		Project	TITLE		imits of	_L [
		To Date	2007	2008	2009	2010	2011	Total	1111		90A Ditch		
General Revenue									111	Imp	rovements	اسلر	
CO's		105,000						105,000	7 1				
Property Tax for Drainage			65,000					65,000					
Future GO Bonds				1,750,000				1,750,000			1		
SLDC									_/90 €			M	
SL4B									alle	15 4//1			
Airport Revenues									1100	45 41			
System Revenues									100	51.] [59]	7111	
Connection Fees						1	 			100			
Other Funding Sources			# c = 00 =	## == 0 000		1	 	de 000	PATE OF THE PATE O	- CAS	Y	7	
TOTAL SOURCE		\$105,000	\$65,000	\$1,750,000				\$1,920,000	300		11155	6	
PROJECT SCHEDULE		START (MT		FINISH (M		OTHER:			1		MATI		
Preliminary Engineering Re	port	Aug-	J6	Dec	-06		re is no develope	O .	TAY			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Land/Right of Way					.=	_	mechanism for d	-			Capital Improv	ugar Land rement Program	
Design/Surveying		Jan-0		Apr			Future develop	-	AL	II IY/II/AC	X P	Q . 1	
Construction		Oct-0)7	200	08	dictate develo	per participation	n.	City Goal:			ed Communit	
Equipment and Furniture						1			Reference:		N, Inc. & Costel		
Contingency						1			Project Manag	er:	Shas	hi Kumar, P.l	
TOTAL PROJECT									Estimator:			LAN stud	

PROJECT NO. PROJI	ECT TITLE										
DR0604	Additional Inlets ald	ong Maygrove	Drive/ Coving	ton Woods (s)							
DESCRIPTION]	MPACT ON OPER	RATING BUI	OGET		
Maygrove is a cul-de-sac stree	et in the Covington Woo	ds subdivision	that ultimatel	y drains to th	Expenditures		2007	2008	2009	2010	2011
Covington Woods Ditch along t	the Woodchester storm sev	wer system. C	onstruction of a	additional inlet	s						
would provide relief from conce	erns of flooding during sm	aller rain falls.			Personnel Service	ces					
					Operations & M	laintenance					
JUSTIFICATION					Capital						
Residents have complained abo	ut flooding concerns durir	ng smaller rain	events. The Co	vington Wood	s						
study performed by Dannenba	um Engineering Corp., al	so identified a	number of de	ficiencies in th	e						
stormwater collection system.											
					TOTAL						
	Project		ī	ISCAL YEAR							
PROJECT COSTS	Budget	BUDGET	_		IMATED		Project	N S			
rkojeer coors	To Date	2007	2008	2009	2010	2011	Total	4 ****** P	WF:	T AIRPORT	
Preliminary Engineering Report							20002				
Land/Right of Way								5			
Design/Surveying	20,000					†	20,000				
Construction	150,000	70,000					220,000			The state of the s	
Equipment and Furniture		,,,,,,					-,			0 0 9 9	8
Contingency	10,000						10,000				
TOTAL COSTS	\$180,000	\$70,000					\$250,000			GREENWAY	
	Project		F	ISCAL YEAR	PLAN						
SOURCE OF FUNDS	Budget	BUDGET		EST	IMATED		Project				
	To Date	2007	2008	2009	2010	2011	Total				
General Revenue	160,000						160,000				
CO's											
Property Tax for Drainage								/B = 13			
Future GO Bonds								Z.			
SLDC								BURNEY	HUHATUAK		
SL4B								ALT	Location	n of	
Airport Revenues								\mathcal{A}	Maygrov Proje	e iniet	0 9
System Revenues								1/19	Proje	CL	
Connection Fees								TAR	A POST		
Other Funding Sources	20,000	70,000					90,000			SS PIRTLE	TALL
TOTAL SOURCE	\$180,000	\$70,000					\$250,000		JE	and the	
PROJECT SCHEDULE	START (MTH		FINISH (M		OTHER:				M 9	EBE /	
Preliminary Engineering Report	t Mar-05	5	Ma	y-05	-	ling (\$70,000) reques				City of S	ugar Land
Land/Right of Way				06		stimate based on the				Capital Improv	ugar Land rement Program
Design/Surveying	Apr-06		Aug		Funding Source	: WCID#1 Agreeme	nt	Cir. C		7	
Construction	Sep-06	'	Dec	z - 06	4			City Goal:		<u> </u>	Safe City
Equipment and Furniture					4			Reference:			Voods Study
Contingency					4			Project Mana	iger:		ike Wilkinson
TOTAL PROJECT								Estimator:		Mi	ike Wilkinson

PROJECT NO.	PROJECT TITLI	E										
DR0606	, and the second	Ditch "A-22" Mod	ifications (s)									
DESCRIPTION								IMPACT ON	OPERATING	BUDGET		
A study is underway to de	etermine recommende	d improvements.				Expenditures		2007	2008	2009	2010	2011
		•										
						Personnel Serv	vices					
						Operations & 1	Maintenance					
JUSTIFICATION						Capital						
Recent improvements to ".	A-22" by MUD 21 in th	ne vicinity of Sug	ar Mill subdivis	sion exacerbat	ed the flooding	g						
problems in the Sugar M	ill Subdivision. The C	City & MUD 21 a	uthorized a stu	ıdy to evalua	te the impacts	š.						
Based on the findings from	n this study, mitigatior	n measures are be	ing proposed.									
						TOTAL						
		Project		EIG	CAL YEAR P							
PROJECT COSTS		Project	PLIDCET	FIS		MATED		Duoinat				
PROJECT COSTS		Budget To Date	BUDGET	2000			2011	Project				
n 1:	, ,	To Date	2007	2008	2009	2010	2011	Total	N N			
Preliminary Engineering F	Keport								W DE			무
Land/Right of Way												RIDGE
Design/Surveying		400.000	100.000					=00.000				X HILL
Construction		400,000	100,000					500,000				
Equipment and Furniture										6 9	PIRTLE	
Contingency		#100.000	#4.00.000					φ = 00,000		JE	SS PIRTLE	
TOTAL COSTS		\$400,000	\$100,000					\$500,000				
		Project		FIS	CAL YEAR P					Oner		
SOURCE OF FUNDS		Budget	BUDGET			MATED		Project	Hood		A TOTAL	
		To Date	2007	2008	2009	2010	2011	Total	inglor &	HILLIAN .		
General Revenue									Con		Completed	Δ-22
CO's		400,000						400,000		Location of	Ditch Wide	ening
Property Tax for Drainage	2								<. / \	Restrictor		
Future GO Bonds									4			
SLDC												
SL4B										cation of		
Airport Revenues									Propos	ed A-22 Di /idening	tch	
System Revenues									V	nuening		
Connection Fees Other Funding Sources			100,000					100,000	描		TITA	
TOTAL SOURCE		\$400,000	\$100,000 \$100,000					\$500,000			1	
		•		EINICH (2	(TII VEAD)	OTHER		Φ 500,000			90	
PROJECT SCHEDULE)t	START (MT	n, YEAK)	FINISH (M	ITH, YEAR)	OTHER:	MCID #1 4					
Preliminary Engineering F	keport					Funding Source	e: WCID #1 Ag	reement				75
Land/Right of Way						-			TIME	HE	City of St Capital Improve	ugar Land ement Program
Design/Surveying		TDI			DD.	-			Cir C 1		X) IX	
Construction		TBI	,	Т	BD	-			City Goal:	D:1-1- 4 00 4	Α 1 .	Safe Cit
Equipment and Furniture						4				Ditch A-22 Ar	,	(Costello, Inc
Contingency						-			Project Manag	er:	Shashi Kum	
TOTAL PROJECT									Estimator:		Shashi Ku	mar, P.E.

PROJECT NO.	PROJECT TITLE										
DR0607	Ditch H Extensio	n									
DESCRIPTION	•						IMPACT ON	I OPERATING	BUDGET		
Extend Ditch "H" across U.S	6. 90A and railroad to Oyster Creel	c just upstream o	of Dam 1. Thi	s is one of the	Expenditures		2007	2008	2009	2010	2011
projects identified in the 2002	Upper Oyster Creek and Ditch H D	rainage Study.			_						
					Personnel Serv	vices					
					Operations &	Maintenance					
JUSTIFICATION					Capital						
This completes Phase I Imp	rovements identified and recomm	ended in the 200	2 Oyster Cree	ek Study. The							
project will divert stormwate	r during extreme events from Oyste	er Creek to Ditch	"H" and lower	100-yr WSE ir	1						
Oyster Creek. The City is pro	pposing partnership with FB County	and Tract 3 deve	eloper.								
					TOTAL						
	Project		FISC	CAL YEAR PL	_			en :			
PROJECT COSTS	Budget	BUDGET	1150		MATED		Project	N.			
1 KOJECI COSIS		2007	2000	2009		2011	•	W DE			
Duolimin any Economic D	To Date	2007	2008	2009	2010	2011	Total 110,000	s l		1	
Preliminary Engineering Rep	ort 110,000						110,000	1 2			
Land/Right of Way	70.000					 	70.000				
Design/Surveying	70,000	2 500 000					70,000	3\\\			
Construction Equipment and Furniture		3,500,000					3,500,000				
Contingency						1			, or C	reek	
TOTAL COSTS	\$180,000	\$3,500,000					\$3,680,000		Oyster C	CCK	(
TOTAL COSTS	Project	\$3,300,000	EIC	CAL YEAR PL	ANT		\$3,000,000				
COLIDGE OF FUNDS	,	BUDGET	F150		MATED		Description.			150	
SOURCE OF FUNDS	Budget		2000			2014	Project				0
0 10	To Date	2007	2008	2009	2010	2011	Total				
General Revenue	110,000	2 500 000				1	110,000	7 6 1			
CO's	70,000	3,500,000					3,570,000			Ditch "H"	
Property Tax for Drainage									1V -		
Future GO Bonds SLDC								Lim			
SL4B											肝
Airport Revenues								Ditch			The second
System Revenues								Exter	nsion		-
Connection Fees						1					
Other Funding Sources						† †		1	//	6 TEXAS	
TOTAL SOURCE	\$180,000	\$3,500,000				1	\$3,680,000		1		
PROJECT SCHEDULE	START (M		FINISH (M	TH, YEAR)	OTHER:		. ,,,		\ [City of S	ugar Land
Preliminary Engineering Rep	,		,	ı-06	4	ruction costs bas	ed on		1	Capital Improv	ugar Land ement Program
Land/Right of Way			,			0%) of the project			,		
Design/Surveying	May	7-06	Dec	2-06		between City as					
Construction	Oct		No			preliminary. PE		City Goal:			Safe City
Equipment and Furniture					in Jan. 2006	. ,	1	Reference:		Upper Ovste	r Creek Study
Contingency					1			Project Manage	er:	Shashi Kum	
TOTAL PROJECT					1			Estimator:		Shashi Ku	

PROJECT NO.	PROJECT TITLE										
DR0608	Storm Sewer Inlet	/Apron Recons	struction								
DESCRIPTION							IMPACT ON	I OPERATING	BUDGET		
Annual removal and replaceme	nt of failed inlet aprons, inlet h	oods, and resea	al inlet boxes i	if required. In	Expenditures		2007	2008	2009	2010	2011
some cases adjustments to the "I"	beams that support the frame ar	ıd gates may be	required.								
					Personnel Serv	vices					
					Operations &	Maintenance					
JUSTIFICATION					Capital						
Public Works has identified ma	ny residential streets and arteria	l streets that h	ave double "B	" storm sewe	r						
inlets that include a block out in	-	is settled, crack	ed, and is in n	eed of repairs							
Final two years of five year proje	ct.										
					TOTAL						
	Project		FIS	CAL YEAR P							
PROJECT COSTS	Budget	BUDGET	- 10		MATED		Project			#	À. 20
110,221 20010	To Date 2007 2008 2009				2010	2011	Total			1 E	100 m
Preliminary Engineering Report	10 Date	2007	_000	=507	2010	2011	101111	242 1000	田田	學學	
Land/Right of Way	-							/ >		THE REPORT OF THE PARTY OF THE	
Design/Surveying								\subseteq	HIEROPE N		
Construction	125,000	125,000					250,000	2		訓 뒤 ~	画」
Equipment and Furniture	120,000	120,000					200,000	2 ~	つ言葉	H344	Lu XX
Contingency								·155			
TOTAL COSTS	\$125,000	\$125,000					\$250,000	2/		190	
	Project		FIS	CAL YEAR P	LAN		-				公刘顺山
SOURCE OF FUNDS	Budget	BUDGET		ESTIN	MATED		Project				Mary College
	To Date	2007	2008	2009	2010	2011	Total		Project L	ocated	The state of
General Revenue	125,000						125,000	a a	t Various I	ocations	A PHOPE
CO's							.,		hroughou		
Property Tax for Drainage		125,000					125,000		ATTER!	Y STEELER	
Future GO Bonds											6
SLDC								5			EXAS STATE OF THE
SL4B											
Airport Revenues								X			
System Revenues									(観測)	190	題題
Connection Fees						ļ I			一人	A PACE TO	
Other Funding Sources								CHERS		*	聖人
TOTAL SOURCE	\$125,000	\$125,000					\$250,000		北京	"全量"	
PROJECT SCHEDULE	START (MT	H, YEAR)	FINISH (M	TH, YEAR)	OTHER:				TE 10	1	
Preliminary Engineering Report					4			多 父		2	
Land/Right of Way					4				~/	City of Si Capital Improv	ugar Land ement Program
Design/Surveying					4			× ×	/ -	1 1	
Construction	Jun-(06	Jan	-07	1			City Goal:			Safe City
Equipment and Furniture					4			Reference:			
Contingency					4			Project Manag	er:		Greg Nichols
TOTAL PROJECT								Estimator:			Greg Nichols

PROJECT NO.	PROJECT TITLE	3										
DR0701		ugar Creek Drai	nage Improvem	ents - Phase I								
DESCRIPTION		0	0 1					IMPACT ON	OPERATING	G BUDGET		
The Phase 1 Improvements in	cludes construction	on of lakes/dete	ention within th	e River Bend	Country Club	Expenditures		2007	2008	2009	2010	2011
(RBCC) Golf Course. This pro-						1						-
the Sugar Creek Watershed. T	his project will al	so mitigate runc	off from develop	oment within	"Triangle" area	Personnel Ser	vices					
(bounded between U.S. 59, U.S.	. 90A & Commerce	e Green Blvd.).				Operations &						
IUSTIFICATION						Capital						
A comprehensive study of the	watershed comp	leted in 2005 pr	onosed a numb	er of drainage	e improvement							
projects within the watershe	•	-	•		-							
accommodate future improve				0 0	,							
Partnership with RBCC will be	necessary to impl	ement these imp	rovements.									
						TOTAL						
		Project		FIS	CAL YEAR PI	LAN			Her.	0		
PROJECT COSTS		Budget	BUDGET		ESTIN	MATED		Project	7	FORT		A A
		To Date	2007	2008	2009	2010	2011	Total	_(AIRPORT		_ "TOP"]
Preliminary Engineering Repor	4		30,000					30,000		11 1	Aiiiii	
Land/Right of Way			30,000					30,000				Stafford
Design/Surveying			70,000					70,000				(\mathcal{I})
Construction			450,000					450,000	NLa	Limits		
Equipment and Furniture			,						Sug	gar Creek I Improvem		
Contingency									I ─∜ └──	Improven	A P	
TOTAL COSTS			\$550,000					\$550,000				
		Project		FIS	CAL YEAR PI	LAN			1	90		
SOURCE OF FUNDS		Budget	BUDGET		ESTIN	MATED		Project			4 /\.\\\\	
		To Date	2007	2008	2009	2010	2011	Total	N. J.		17511	E I
General Revenue									7	Via	15cm	6 7
CO's			550,000					550,000		11)	of the	1/2
Property Tax for Drainage			,							59	22 La 2 16	CAE
Future GO Bonds									3//////////////////////////////////////	17/10	1 H (34 / 1	अ न्ध
SLDC										200	2 1 5 S	7
SL4B										- ELL.	200	IIC -
Airport Revenues										TO NEW		HARD
System Revenues											TI SAIR	9
Connection Fees									5-54	HXX.	4	
Other Funding Sources									STES	ugar Land	自民人	
TOTAL SOURCE			\$550,000					\$550,000	TOP I			18HB
PROJECT SCHEDULE		START (MT	H, YEAR)	FINISH (M	ITH, YEAR)	OTHER:			5)			SI
Preliminary Engineering Repor	t	Nov-	-06	Fel	b-07		t requires reachi	-	16	27	190	51/8
Land/Right of Way							ment/ partnersh		as !	STAIL STAIL	Capital Impr	Sugar Land ovement Program
Design/Surveying		Mar-					ng golf course to		10000	~~ 王 土石	ט עיווווע	ママバル
Construction		Jul-()7	No	v-07	-	(lakes/detention	,	City Goal:			Safe City
Equipment and Furniture						-	currently negoti	ating this	Reference:		ereek Drainage	
Contingency			ag			agreement wi	th RBCC.		Project Manag	ger: Shashi Ku		
TOTAL PROJECT									Estimator:		Based on 2002	DEC Study

· ·	CT TITLE										
DR0702	Sugar Creek/ Ma	rket Place Phase	e II								
DESCRIPTION							IMPACT ON	N OPERATING	G BUDGET		
Design and construction of an addition	nal 48" diameter reinforce	d concrete pipe	to Jane Long Lal	ke across U.S	Expenditures		2007	2008	2009	2010	2011
Highway 59. This additional conveya	nce is required to accomm	nodate developr	nent in the "Tria	ngle Area" i	n						
conjunction with the proposed expansi	on of the TxDOT detentio	n facility. This p	project will follow	Sugar Cree	k Personnel Serv	zices					
Drainage Improvements - Phase I.					Operations &						
JUSTIFICATION					Capital						
The existing conduit conveying flow	to Iane Long Lake (acros	s US 59) was i	dentified to be i	nadequate t							
convey runoff from the proposed deve											
Triangle Detention PER confirmed tha	t the level of developmen	t seen in the "Tr	iangle Area" has	triggered th	e						
need to construct Phase II Improvemen	ts.										
					TOTAL						
	Project		FISC	AL YEAR PI	LAN			7/1	30	0.0	
PROJECT COSTS	Budget	BUDGET		ESTIN	MATED		Project	1	S		w D.
	To Date 2007 2008 200					2011	Total		RIVERS		- de -
Preliminary Engineering Report									2	0	
Land/Right of Way									JULE	///	
Design/Surveying		150,000					150,000		3	100	
Construction			1,350,000				1,350,000				
Equipment and Furniture								Approx	imate Aligi ' Storm Se	nment	
Contingency			350,000				350,000		onstruction		
TOTAL COSTS		\$150,000	\$1,700,000				\$1,850,000		nistruction		
	Project							0 1	90		
SOURCE OF FUNDS	Budget	BUDGET		ESTIN	IATED		Project		30	111	
	To Date	2007	2008	2009	2010	2011	Total	DAIRY ASHFORD		HH	
General Revenue								S	RKLANE		5
CO's								I TO NO	RKL		Regional Detention
Property Tax for Drainage								7 2			Pond
Future GO Bonds			1,700,000				1,700,000		l la		
SLDC								1			
SL4B									J. / / /		LUB
Airport Revenues											Junta Cr
System Revenues								Fol	19/1		IMI O
Connection Fees								59		~////co	
Other Funding Sources		150,000					150,000			SUG	
TOTAL SOURCE		\$150,000	\$1,700,000				\$1,850,000			SUGAR	
PROJECT SCHEDULE	START (MT	TH, YEAR)	FINISH (MT	H, YEAR)	OTHER:						E S
Preliminary Engineering Report							clude impact fee	114			华
Land/Right of Way					~	nal detention pr	, .		HA	City of S	Sugar Land
Design/Surveying		2000		Ordinance 112 Ordinance Fee	9. Anticipates	runding from	/ / /		Sapital IIIIpro	Notice to Togram	
Construction	200	8	2008	3	Ordinance Fee	es.		City Goal:			Safe Cit
Equipment and Furniture					_			Reference:	Triangle	Detention PE	R (August 2005
Contingency				<u></u>	_			Project Manag	ger:		Ross Woodfir
TOTAL PROJECT								Estimator:			Ross Woodfir

PROJECT NO.	PROJECT TITLE	Ξ										
DR0703		Additional Flow	Monitors									
DESCRIPTION								IMPACT ON	OPERATING	BUDGET		
Installation of additional	flow monitoring static	ons and appurt	enant devices is	n the City's wa	itersheds, and	Expenditures		2007	2008	2009	2010	2011
enhancements to the existi	0	11		,		-						
						Personnel Serv	vices					
						Operations &			20,000	20,000	20,000	20,000
JUSTIFICATION						Capital				·		
These devices serve as a "f	flood alert system" as w	vell as a data col	llection tool. Th	e data collected	l is used in the							
evaluation/design of futu	•											
devices in all major draina	ige system.											
						TOTAL			\$20,000	\$20,000	\$20,000	\$20,000
		Project		FIS	CAL YEAR P				320,000	\$20,000	\$20,000	\$20,000
PROJECT COSTS		-	BUDGET	1130		MATED		Duningt		العالمات	A STATE	N.
PROJECT COSTS		Budget		2000			2014	Project	日東岸		TOES HE	W E
D 11 1 D 1 1 D	To Date 2007 2008 2009				2009	2010	2011	Total				s
Preliminary Engineering R	Keport								25	福里		
Land/Right of Way									第四点	111		
Design/Surveying						-			些生品	Location	of A-22 Di	tch
Construction			125 000			1		125 000			w Monitor	
Equipment and Furniture			125,000			1		125,000			()	8
Contingency			#4 25 000					#4 25 000	王山岭			1/1
TOTAL COSTS			\$125,000	770		1		\$125,000				MIM
		Project		FISO	CAL YEAR P						الموالي أمال	
SOURCE OF FUNDS		Budget	BUDGET	1		MATED		Project			DA	祖里人
		To Date	2007	2008	2009	2010	2011	Total	90	Jally .		
General Revenue										V5	9	(£ 11-
CO 's											M strike	- XE
Property Tax for Drainage	:		125,000					125,000			44 33	张沙
Future GO Bonds											元年!	'>
SLED SL4B						1			9 4	Ville-	17 TE	
						1			Locati	on of Suga	r Crook	0000
Airport Revenues									Siph	on Flow M	onitor	
System Revenues Connection Fees	+					+				THE CONTRACT		- 6
Other Funding Sources						1				占		BU
TOTAL SOURCE			\$125,000					\$125,000		Jaki.	6 TEXAS	BIRE
PROJECT SCHEDULE	+	START (MT		FINISH (M	TH VEAD)	OTHER:	<u> </u>	φ120,000	12	1988	国阿里	WAR I
Preliminary Engineering R	Panart	JIAKI (WI	III, IEAK)	1.11.11.11.1 (IAI	111, 1EAK)		than mar: t:	aitaa au	75000			The same of the sa
0	чероп					in operation.	ther monitoring	sites currently	-		City of Suga	r Land
Land/Right of Way Design/Surveying						- In operation.				TO THE	apital Improvement	nt Program
Construction						-{			City Goal:	E II WAY	\\\ J [A]	Safe City
		Oct-	06	Com	07	-			Reference:		MDP/Oresto	r Creek Study
Equipment and Furniture		Oct-	-00	Sep	-0/	4					, ,	
Contingency TOTAL PROJECT						4			Project Manage	11.		ni Kumar, P.E. ni Kumar, P.E.
TOTAL FROJECT						<u> </u>			Estimator:		Snasr	и к ишаг, г.Е.

PROJECT NO.	PROJECT TITLE										
DR0704	Localized I	rainage Improveme	nts								
DESCRIPTION	•						IMPACT OF	N OPERATING	G BUDGET		
Project will consist of pro-	viding for preliminary design	, engineering and	construction o	f miscellaneou	Expenditures		2007	2008	2009	2010	2011
	ving specific neighborhoods (i										
drainage inlets and outfall re	econstruction of Cottonwood C	t. detention pond).			D 1.0						
					Personnel Serv						
HICTIFICATION					Operations &	Maintenance					
JUSTIFICATION	-1		: -1-111		Capital						
Project will facilitate the tim	ely correction of localized drain	nage problems in ne	ignbornood sei	ttings.							
					TOTAL						
	Projec		FI	SCAL YEAR P				THE	Y LA		
PROJECT COSTS	Budge				MATED		Project	WADE	4114		F
	To Date 2007 2008 2009				2010	2011	Total	400			
Preliminary Engineering Re	port							11/18	FER	7 57	1)
Land/Right of Way								HILL	269 111	*	3
Design/Surveying		40,000)				40,000	F		THE	lli
Construction		210,000)				210,000		AP	4	
Equipment and Furniture								-	Cot	tonwood ntion Pond	
Contingency									(1)		511
TOTAL COSTS		\$250,000)				\$250,000		1	3 1	1.17
	Projec	t	FI	SCAL YEAR P	LAN				A DILL	11/16/1	
SOURCE OF FUNDS	Budge	t BUDGET		ESTI	MATED		Project	/6			i b
	To Da	te 2007	2008	2009	2010	2011	Total	/\	Main S	1	一
General Revenue								/ 4	Drainage		
CO's		250,000)				250,000			1	ī
Property Tax for Drainage									SIM	1	
Future GO Bonds								(a	T (*)	-4-10	\mathbb{U}
SLDC									THE THE		
SL4B										90	
Airport Revenues										עוווחח,	
System Revenues									1	(UU)	
Connection Fees									1 7 /4	Oyster Creek Ditch Outf	Dr.
Other Funding Sources											2/.
TOTAL SOURCE		\$250,000)				\$250,000		HILL	A E CO	ALL L
PROJECT SCHEDULE	STAR	Γ (MTH, YEAR)	FINISH (N	MTH, YEAR)	OTHER:			1 1			
Preliminary Engineering Re	port							City	of Sugar Land		
Land/Right of Way								City	of Sugar Land Improvement Program		-
Design/Surveying		Oct-06	Fe	eb-07						<i>I</i>	" b
Construction		Apr-07	Se	ep-07				City Goal:		Responsible Cit	y Governmen
Equipment and Furniture								Reference:			
Contingency								Project Manag	ger:		Greg Nichols
TOTAL PROJECT					1			Estimator:			Greg Nichols

PROJECT NO.	PROJECT TITLE										
DR0705	AMIL Gates Reh	abilitation									
DESCRIPTION							IMPACT OF	N OPERATING	BUDGET		
AMIL Gates located across	Brooks Lake Diversion Channel n	nainly serve as	flood control	gates and als	o Expenditures		2007	2008	2009	2010	2011
facilitate maintaining constar	nt water surface elevation upstream	of the gates.									
					Personnel Serv	vices					
					Operations &	Maintenance					
JUSTIFICATION					Capital						
The City is assuming the ow	rnership of the gates from LID 2. A	as part of this tr	ansfer of own	ership, the Cit	у						
had an assessment of the g	gates prepared by the vendor. Re	habilitation cos	ts are allocate	ed for potentia	al .						
maintenance/repairs.											
					TOTAL						
	Project		FIG	SCAL YEAR P				_			TAA I
PROJECT COSTS	· · ·	BUDGET	113		MATED		Project	\			T. N
rkojeci cosis	Budget		2000			2011	•	90			W CONTRACTOR
D 11 1 D 1 1 D	To Date	2007	2008	2009	2010	2011	Total		1		1
Preliminary Engineering Rep	port										
Land/Right of Way		1						7 1			
Design/Surveying		-						1			A
Construction								1 5		œ .	
Equipment and Furniture		240,000					240,000			Brooks	
Contingency		#2.40.000			<u> </u>		# # 40 000			S	
TOTAL COSTS		\$240,000					\$240,000		521111	ree	ALL CALLED
	Project		FIS	SCAL YEAR P				6	2		
SOURCE OF FUNDS	Budget	BUDGET			MATED		Project				
	To Date	2007	2008	2009	2010	2011	Total				
General Revenue									YI	Too I	
CO's		140,000					140,000	Lo	ocation		
Property Tax for Drainage		100,000					100,000		of the ites Structure		
Future GO Bonds		1						AMIL Ga	tes structure	8	
SLDC								\		11100	
SL4B		ļ						1	\		2
Airport Revenues		1									0
System Revenues	 	1						-			20
Connection Fees		+			1			4	14 2		
Other Funding Sources		¢240.000					¢240.000	-		2888	
TOTAL SOURCE	OH: DT 0	\$240,000		TELL VEAR'	OTHER		\$240,000			OATHA IZ	M
PROJECT SCHEDULE	START (M	IH, YEAR)	FINISH (N	/ITH, YEAR)	OTHER:				}	1 1	
Preliminary Engineering Rep	port				Estimates are p			City	of Sugar Land		59
Land/Right of Way					Actual costs ba	ased on assessm	ent.	Capital	mprovement Program		
Design/Surveying					4			City Co. 1	111	4 1///	0.4.6:
Construction					4			City Goal:			Safe City
Equipment and Furniture	TB	5D	Т	BD	4			Reference:			
Contingency					4			Project Manage	er:		Greg Nichols
TOTAL PROJECT			<u> </u>					Estimator:			Greg Nichols

PROJECT NO.	PROJECT TITLE										
DR0706	Belknap/Brooks	ide Area Phase	III Improvemer	its							
DESCRIPTION							IMPACT ON	OPERATING	BUDGET		
The Kelly Kaluza Study identi	ified three phase of Drainage Im	provements to	serve the Belkr	ap/Brooksid	Expenditures		2007	2008	2009	2010	2011
Area. The first two phases of	of improvements identified in the	nis study have	been construct	ed. Phase I	I						
Improvements would complete	e implementation of all projects re	commended in	this study.		Personnel Serv	vices					
					Operations & I						
JUSTIFICATION					Capital						
Residents of Belknap/Brooksid	de have complained to City staff	about flooding	concerns along	Dogwood S							
	City staff to implement this last p										
flooding concerns.											
					TOTAL						
		1	FIG	CAL MEAR R							
	Project		FIS	CAL YEAR P							
PROJECT COSTS	Budget	BUDGET			MATED		Project	w Side	7	90	
	To Date	2007	2008	2009	2010	2011	Total	1. AD.			THE
Preliminary Engineering Repor	rt										
Land/Right of Way								109			
Design/Surveying		100,000					100,000				1111
Construction			900,000				900,000	1	B		1911
Equipment and Furniture								, i	ok:		
Contingency									Brooks Street		
TOTAL COSTS		\$100,000	\$900,000				\$1,000,000		eet		
	Project		FIS	CAL YEAR P	LAN					imits	
SOURCE OF FUNDS	Budget	BUDGET		ESTI	MATED		Project		109	of	
	To Date	2007	2008	2009	2010	2011	Total		P	p/Brookside hase III	
General Revenue										Improvements wood Dr)	
CO's											
Property Tax for Drainage		100,000					100,000	1			
Future GO Bonds			900,000				900,000			Dogw	ood Dr
SLDC											
SL4B											
Airport Revenues											
System Revenues									1	THE STATE OF THE S	THIN S
Connection Fees					<u> </u>						7/ /(
Other Funding Sources									6		
TOTAL SOURCE		\$100,000	\$900,000				\$1,000,000		and of		
PROJECT SCHEDULE	START (M	TH, YEAR)	FINISH (M	TH, YEAR)	OTHER:				The		
Preliminary Engineering Repor	rt				1			Cit	ty of Sugar Land	ram	
Land/Right of Way					1						
Design/Surveying	Nov		Jul		1						
Construction	200	08	20	08	_			City Goal:			Safe City
Equipment and Furniture					_			Reference:		Kelly 1	Kaluza Study
Contingency					_			Project Manag			oss Woodfin
TOTAL PROJECT								Estimator:	В	ased on Kelly k	Kaluza Study

PROJECT NO.	PROJECT TITLE										
DR0801	Storm Sewer Late	ral Tie-in's to I	Eldridge Road								
DESCRIPTION	•		-				IMPACT ON	OPERATING	BUDGET		
Design and construction of	storm sewer laterals that divert a p	ortion of flow	s from the Cov	ington Wood	Expenditures		2007	2008	2009	2010	2011
Subdivision to Eldridge Roa	d. Additional flow diversions from t	he following st	treets (Greenbrie	er, Linden and	1						
Rolling Mill) is being propos	ed. This project will follow Ditch A-2	22 modification	ns.		Personnel Serv	vices					
					Operations &	Maintenance					
JUSTIFICATION					Capital						
This is in line with the depar	tmental plan to study and improve a	ll of the areas p	orone to street fl	ooding within							
the City. This is the next	logical step in the continuation of	of an opportu	ınistic program	for drainage	e						
improvements.											
					TOTAL						
	Project		FIS	CAL YEAR P	_					0. 10101 10101	1 1 2/2 1
PROJECT COSTS	,				MATED		Project		0	4	N N
TROJECT COSTS	To Date 2007 2008 2009				2010	2011	Total	Г			W WE
Desliesia and Espain and a Des		2007	2008	2009	2010	2011	Total			1	4
Preliminary Engineering Rep	OUT		-					AIF	PORT	F	201
Land/Right of Way Design/Surveying	30,000						30,000				
Construction	30,000		890,000			+	890,000	7-1		A	
Equipment and Furniture			890,000				890,000	GREEN	YAN		
Contingency						+		GREEN		1	
TOTAL COSTS	\$30,000		\$890,000				\$920,000	-		eenbriar - L	inden
TOTAL COSTS	Project		, ,	CAL YEAR P	LAN		\$920,000	30100	Drai	nage Impro	vement
COLID CE OE ELINDO	,	BUDGET	113		MATED		Duoingt	- VIE		1 1	
SOURCE OF FUNDS	Budget		2000			2011	Project	-Y1-X	2	18	
	To Date	2007	2008	2009	2010	2011	Total	- 11/8	7	ELDRIDGE	
General Revenue	30,000					1	30,000	1	1775	୍ଧା ଛଧ JES	S PIRTLE_
CO's						1		7111.	11.1	2 m	YYY
Property Tax for Drainage Future GO Bonds			890,000				890,000		(1)		1 1
SLDC			890,000				890,000		Rolling Mill		
SL4B						+		T Draina	ige Improve	ement	6
Airport Revenues								1	TIT		GILLINGHAM
System Revenues								-NT	1		Z
Connection Fees								SEVENT	111		모 _
Other Funding Sources						1		1			A CO
TOTAL SOURCE	\$30,000		\$890,000				\$920,000	LAKEVIE	W		
PROJECT SCHEDULE	START (MT	H, YEAR)	FINISH (M	TH, YEAR)	OTHER:			1		4	
Preliminary Engineering Rep	`	. ,	,	. ,	Design funded	d in DR0202.		1			
Land/Right of Way			1					2/	90	City of S	ugar Land rement Program
Design/Surveying	2008	3	20	08	1					Capital Improv	g Program
Construction	2008	3	20	08	1			City Goal:			Safe City
Equipment and Furniture					1			Reference:			
Contingency			1		1			Project Manag	er:		Mike Leech
TOTAL PROJECT					1			Estimator:			Mike Leech

PROJECT NO.	PROJECT TITLE										
DR0802	Covington Woo	ds Phase II Impr	ovements								
DESCRIPTION							IMPACT ON	I OPERATING	G BUDGET		
Design and construction of P This project will follow the D	hase II Drainage Improvements as itch "A-22" Improvements.	identified in the	2002 Covingtor	Woods Study.	Expenditures		2007	2008	2009	2010	2011
					Personnel Serv	zices					
					Operations &						
JUSTIFICATION					Capital						
The proposed improvement inadequate capacity of the di	s to the Covington Woods channel tch.	el is to alleviate	flooding conce	rns due to the	1						
					TOTAL						
	Project		FIS	CAL YEAR PL	AN						
PROJECT COSTS	Budget	BUDGET		ESTIM	ATED		Project				
	To Date	2007	2008	2009	2010	2011	Total	W E	West	irport Blvd	
Preliminary Engineering Rep	ort							\$			
Land/Right of Way											
Design/Surveying			300,000				300,000			100	
Construction				3,000,000			3,000,000				
Equipment and Furniture											
Contingency									808		
TOTAL COSTS			\$300,000	\$3,000,000			\$3,300,000				
	Project	İ	FIS	CAL YEAR PL	AN			THE COURT		0	
SOURCE OF FUNDS	Budget	BUDGET		ESTIM	ATED		Project	MATTER STATE	Limits of Maygrove Ph		
	To Date	2007	2008	2009	2010	2011	Total	C	Orainage Improv		7
General Revenue											
CO's											Or
Property Tax for Drainage								Vinehill D	r	Woodch	ester
Future GO Bonds			300,000	3,000,000			3,300,000	Vinei			
SLDC											
SL4B											
Airport Revenues								THE WAY		Covington	
System Revenues								N M	laygrove Phase I	ngto	
Connection Fees								Drain of the control	nage Improvements	n Ditch	
Other Funding Sources										6 9	9 9
TOTAL SOURCE			\$300,000	\$3,000,000			\$3,300,000				I I S
PROJECT SCHEDULE	START (M	TH, YEAR)	FINISH (M	TH, YEAR)	OTHER:					Jess Pi	rtle
Preliminary Engineering Rep	ort							Ci	ty of Sugar Land		
Land/Right of Way								Capit	tal Improvement Progra	ım /	
Design/Surveying	20		20								
Construction	20	09	20	09				City Goal:			Safe City
Equipment and Furniture								Reference:		Maste	r Drainage Plan
Contingency	20	09	20	09				Project Manag	ger:		Ross Woodfin
TOTAL PROJECT								Estimator:			Ross Woodfin

PROJECT NO.	PROJECT TITI	LE			DKAII	WIGE.								
DR0803	-	Sugar Creek Drai	nage Improven	nents - Phase II										
DESCRIPTION	ought creek branage improvements. Thuse is						IMPACT ON OPERATING BUDGET							
The Phase II Improvements mainly include construction/upsizing of storm sewer outfalls at many location						Expenditures		2007	2008	2009	2010	2011		
within the watershed. These improvements would provide outlet for trapped sheet flow accumulated durin								2007	2000	2007	2010	2011		
extreme events. Phase II Improvements will help minimize street ponding levels during these events.							vices			+	+	+		
							Maintenance							
JUSTIFICATION						Capital	Manitenance			+	+			
A comprehensive study of th	a watershed con	aplated in 2005 is	lontified a nun	ober of locations	whore stree					+	+			
ponding levels exceed allowal														
S	design, since the criteria was adopted in 1989, after majority of Sugar Creek infrastructure was built. Phase I Improvements will help remedy some of these deficiencies.													
						TOTAL								
		Project	FISCAL YEAR PI			LAN			K	8		444		
PROJECT COSTS		Budget	BUDGET	ESTIN		MATED		Project		IRPORT	7	wab.		
		To Date	2007	2008	2009	2010	2011	Total	_(IKPO.		- "AD"		
Preliminary Engineering Repo	rt								I I H		4111111	1 //		
Land/Right of Way												tafford		
Design/Surveying				100,000				100,000						
Construction				1,100,000				1,100,000	NL s	Limits of				
Equipment and Furniture										Improvem		IT		
Contingency										Improvem	ents .			
TOTAL COSTS				\$1,200,000				\$1,200,000	w,					
		Project		FISC	AL YEAR PI	LAN			9					
SOURCE OF FUNDS		Budget	BUDGET		ESTIN	MATED		Project						
		To Date	2007	2008	2009	2010	2011	Total			7 75 H			
General Revenue										VIA	1FX	6 7		
CO's										100	alter	2/6		
Property Tax for Drainage										9, %	2 2 B	CAE		
Future GO Bonds				1,200,000				1,200,000		7710	12 35 P	ST.		
SLDC										2	Patter Sa	X 6X		
SL4B	·		-					·		Service of	2010	1		
Airport Revenues										A STEEL	1/2/	HABIC		
System Revenues										WILL TO	D CALL			
Connection Fees									SIE	AX CE	学学			
Other Funding Sources										igar Land	一点玩	HE		
TOTAL SOURCE				\$1,200,000				\$1,200,000				SEARE		
PROJECT SCHEDULE	·	START (MTH, YEAR)		FINISH (MTH, YEAR)		OTHER:			5) \$ 6	THE O		SI		
Preliminary Engineering Repo	rt					Phase I Impro	vements to be co	onstructed	15	13/	190	SIR		
Land/Right of Way						prior to constr	ruction of Phase	II Imp.	do.		City of S	Sugar Land ovement Program		
Design/Surveying		2008		2008					10000	ション	7711117	インシュリ		
Construction		2008		2008					City Goal:			Safe Cit		
Equipment and Furniture									Reference:	Sugar Cre	eek Drainage St	udy (2005)		
Contingency									Project Manag	ger: Shashi Ku	ımar, P.E./Ross	Woodfin		
TOTAL PROJECT									Estimator:		Based on 2002	DEC Study		

PROJECT NO.	PROJECT TITLE														
DR0901	Sug	gar Creek Drai	inage Improven	nents - Phase III											
DESCRIPTION	0 1						IMPACT ON OPERATING BUDGET								
The Phase III Improvements include increasing the capacity of the East Sugar Cree				reek Ditch Syste	em. Conceptual	Expenditures 2007		2007	2008 2009		2010	2011			
		the existing ditch, and installing a parallel box conduit system to													
convey additional flow to the River Bend Country Club Golf Course.						Personnel Ser	vices								
							Operations & Maintenance								
JUSTIFICATION						Capital									
A comprehensive study of	of the watershed complet	ed in 2005 ide	entified serious	capacity limitat	ions in the East	- · ·									
Sugar Creek Ditch. The	-														
Drainage System. This pr	roject will help minimize	street flooding	ng/ponding in	drainage areas t	that outfall into										
this ditch.						TOTAL									
		Project	T	FIC	CAL YEAR PL	_			34-1-		11 Han				
DDOIECT COSTS		,	BUDGET ESTIM					Project Total	11		ann.	N			
PROJECT COSTS		Budget	2007	2008 2009		2010 2011				RPORT		W E			
D. II		To Date	2007	2008	2009	2010	2011	1 otal		1					
Preliminary Engineering I	keport		1								، اللللات	tafford			
Land/Right of Way					F00 000			F00.000	1		Je.				
Design/Surveying					500,000			500,000		Limits o	f				
Construction					6,000,000			6,000,000	> Suga	ar Creek D		YA			
Equipment and Furniture										mproveme		411			
Contingency TOTAL COSTS			-		\$6,500,000			\$6,500,000							
101AL C0515		Danie de		FIC	CAL YEAR PL	A 3 T		\$0,500,000	1 190	1		пП			
cormon on manage		Project	DI ID CET	FIS				.	90		6	1			
SOURCE OF FUNDS		Budget	BUDGET			MATED		Project	Jall						
		To Date	2007	2008	2009	2010	2011	Total	V J. W.		(3) id				
General Revenue										\J#.((()	KY T	7			
CO's									15	9	STILL	376			
Property Tax for Drainage	5				ć 5 00 000			. .	(F7)		3/3				
Future GO Bonds					6,500,000			6,500,000	X// ///	7/0 4	2/8/2	2			
SLDC SL4B			-						X////	- an 3		. 1			
Airport Revenues			-						7772	Tue !	J//3/E)/([]	TO TO			
System Revenues									// X	AL CONTRACTOR OF THE PARTY OF T		000			
Connection Fees											175 F				
Other Funding Sources							1		Si	gar Land	少连				
TOTAL SOURCE			1		\$6,500,000		 	\$6,500,000	Window !	111-X:	THE				
PROJECT SCHEDULE		START (MT	TH. YEAR)	FINISH (M		OTHER:	<u> </u>	+ 3/2 0 3/3 0 0	F 6	W &		たが目			
reliminary Engineering Report		III (MIII, IEAK)		Phase II Improvements to be constructed		onstructed		77	19/1	Y					
Land/Right of Way	r					•	ruction of Phase		1 BUS	The I	City of S	ugar Land			
Design/Surveying		2009		2009		12.01 to consti	action of Filase	p.	Coxxx	- 기계다	Capital Improv	vement Program			
Construction		2009		2009					City Goal: Safe City						
Equipment and Furniture		200		20					Reference:	Sugar Cree	ek Drainage Stu	J			
Contingency											nar, P.E./Ross				
TOTAL PROJECT						ł			Estimator:		Based on 2002 I				
TOTALINOJECI									Louinatoi.		545C4 011 4004 1	one orang			